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IN THE U.S. PATENT AND TRADEMARK OFFICE

Inventor Rainer DITTRICH et al
Patent App. 10/728,117
Filed 4 December 2003
For METHOD OF DEGASSING MOLTEN STEEL
Art Unit 1742

Conf. No. 7654

Hon. Commissioner of Patents
Box 1450
Alexandria, VA 22313-1450

INFORMATION DISCLOSURE STATEMENT UNDER 37 CFR 1.97(b)

There is enclosed a copy of the European Search Report in corresponding application Ep 03 026 707.4-2122. A form PTO-1449 listing the references is supplied herewith along with copies of the relevant documents. Since the search report is not in the English language, the following summary is provided:

JP 01 129925 is cited for its abstract in category X: of special significance taken alone, with reference to examined claims 1 through 6.

JP 55 10718 A is cited for its abstract in category X against examined claims 1 through 6.

U.S. Patent 5,228,902 A is cited for col. 2, line 34 through col. 3, line 11 and its claims 1 to 3 in category X against examined claims 1 to 8.

The remaining references, all publications are cited in category A: Technological Background in connection with examined claims 1 to 8 except for U.S. Patent 4,695,042 and JP 58 037 112 which are each cited in category A with reference to examined claims 8 and 9.

Consideration of the references is requested.

No fee or certification is required since this IDS is filed prior to the initial office action on the merits.

Respectfully submitted,
The Firm of Karl F. Ross P.C.


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Encl: PTO 1449 & References

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10/728,117

APPLICANT

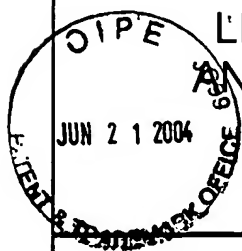
Rainer et al RICH

FILING DATE

4 2003ember

GROUP

1742

LIST OF PATENTS
AND PUBLICATIONS

U.S. PATENT DOCUMENTS

EX. INIT		DOCUMENT NO. Cntry code - No.	DATE MM-YYYY	NAME	CLASS	SUB-CLASS	FILING DATE IF APPROPRIATE
	AA	US-5,228,902	20 July 93	Bogan et al			
	BB	US-4,695,042	22 Sept. 87	Kudou			
	CC	US-					
	DD	US-					
	EE	US-					
	FF	US-					
	GG	US-					
	HH	US-					

FOREIGN PATENT DOCUMENTS

		DOCUMENT NO. Cntry Code - No.	DATE MM-YYYY	COUNTRY	NAME	CLASS	TRANSL.	
							YES	NO
	AI	56134820	29 Aug 81	Japan				
	AJ	62287777	13 Nov. 87	Japan				
	AK	54015041	14 Feb. 79	Japan				
	AL							
	AM							
	AN							

OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)

	AS	Manufacturing of ultra low carbon and nitrogen steels (C \leq 50 ppm and N \leq 30 ppm). Part 1- pages 64 to 77
	AT	Fluxes Used in Secondary Refining - Nippon Steel Technical Report, No. 23 - June 1984 - Pages 31 to 42
	AU	RH Injection process combines degassing and powder injection - (1988) March, No. 3, Redgill, Surrey, Gr. Britain
	AV	Kinetic model of desulphurisation by powder injection and blowing in RH refining of molten steel - Vol. 27, Pgs, 129 to 137
	AW	Entwicklungsrichtungen der Sekundarmetallurgie, im besonderen das RH-Verfahren ... -- (1991) Nr. 3, Pgs. 103 - 109
	AX	Ergebnisse des. 8 Deutsche-Japanischen Seminars uber die Grundlagen der Eisen ... - (1994)No.12 - Pgs. 79 to 84

EXAMINER

DATE CONSIDERED

EXAMINER: Initial if Reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

21 June 2004

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